

# VP DOX 110

## Developmental silica alumina mixed oxide\*

### Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m <sup>2</sup> /g	65 ± 20
Tamped density* acc. to DIN EN ISO 787/11, Aug. 1983	g/l	approx. 80
Loss on drying* 2 hours at 105°C	wt. %	≤ 2.0
pH in 4% dispersion		3.5 - 5.5
SiO <sub>2</sub> - content based on ignited material	wt. %	≥ 99
Al <sub>2</sub> O <sub>3</sub> - content	wt. %	0.05 - 0.50
* ex plant The data represents typical values (no product specification).		

### Registrations (substance or product components)

#### VP DOX 110

CAS-No.	112945-52-5 (ex 7631-86-9) 1344-28-1
EINECS (Europe)	registered
TSCA (USA)	registered
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
IECSC (China)	registered
KECI (Korea)	registered
PICCS (Philippines)	registered

VP DOX 110 is a fumed oxide consisting of silicon dioxide and a small fraction of aluminum oxide, manufactured using the AEROSIL® process

### Applications and properties

#### Applications

- Catalyst carrier
- Raw material for dispersion

#### Properties

- Improved temperature stability

\* Developmental products are labeled with the VP designation. Commercialization depends on market response.

### Safety and handling

A safety data sheet will be provided with your first delivery and with subsequent revisions. Additionally, the Product Safety Department of Evonik Resource Efficiency GmbH can be contacted via mail at [sds-hu@evonik.com](mailto:sds-hu@evonik.com) for specific questions. We recommend to read the safety data sheet carefully prior to use of the product.

### Packaging and storage

VP DOX 110 is supplied in multiple layer 10 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. VP DOX 110 should be used within 2 years after production.

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